

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5555	361/719,709,707,704.ccls. 174/16. 1.ccls 257/718,719.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 08:55
L2	355	1 and @pd>"20050630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 08:56
S1	1720	(361/719,709,688,720.ccls. 174/26. 1.ccls.) and heat near sink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:23
S2	1155	(361/719,709,688,720.ccls. 174/26. 1.ccls.) and heat near sink and (mount or mounting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:23
S3	430	(361/719,709,688,720.ccls. 174/26. 1.ccls.) and heat near sink and (mount or mounting)and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 08:54
S4	0	("2005/0018404").URPN.	USPAT	OR	ON	2005/06/29 15:57
S5	42	("1229911"   "1931649"   "2305654"   "2432986"   "2993950"   "3102571"   "3249680"   "3272952"   "3350975"   "3369597"   "3415943"   "3457824"   "3494243"   "4266267"   "4321423"   "4403102"   "4446504").PN. OR ("4546408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 16:08
S6	600	(361/719,709,688,720.ccls. 174/26. 1.ccls.) and (heat near sink) and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 08:54
S7	0	("2005/0128713").URPN.	USPAT	OR	ON	2005/06/30 09:48

## EAST Search History

S8	10349	361/704,707,709,719.ccls. 257/718,719,727.ccls. 174/16.1,16.3.ccls. 165/80.3,185.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 11:26
S9	1600	(361/704,707,709,719.ccls. 257/718,719,727.ccls. 174/16.1,16.3.ccls. 165/80.3,185.ccls.) and "heat sink" and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 11:27
S10	223	(361/704,707,709,719.ccls. 257/718,719,727.ccls. 174/16.1,16.3.ccls. 165/80.3,185.ccls.) and "heat sink" and spring and washer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 13:53
S11	0	("2005/0018404").URPN.	USPAT	OR	ON	2005/06/30 11:36
S12	174	174/252,138e,138f,138g,138j,138h.ccls. and spring	USPAT	OR	ON	2005/06/30 11:39
S13	120	174/252,138e,138f,138g,138j,138h.ccls. and spring and(ceramic or metal)	USPAT	OR	ON	2005/06/30 15:30
S14	9	("4695923"   "4901204"   "5223574"   "5963432"   "Re36351").PN. OR ("6140591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:49
S15	1	("4695923"   "4901204"   "5223574"   "5963432"   "Re36351").pn. and spring and (metal or ceramic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:50
S16	9	("4695923"   "4901204"   "5223574"   "5963432"   "Re36351").PN. OR ("6140591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:51
S17	8	("4096548"   "4167772"   "5402320"   "5956835"   "5963432"   "6140591"   "6308394").PN. OR ("6404646").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:52
S18	28	("3122679"   "3263200"   "3272952"   "3369597"   "3619473"   "3652903"   "3801874"   "4007477"   "4041523"   "4266267"   "4446504").PN. OR ("4587377").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:55

## EAST Search History

S19	20	("3122679"   "3263200"   "3272952"   "3369597"   "3619473"   "3652903"   "3801874"   "4007477"   "4041523"   "4266267"   "4446504").PN. OR ("4587377").URPN. and spring and (metal or ceramic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:56
S20	8	("4096548"   "4167772"   "5402320"   "5956835"   "5963432"   "6140591"   "6308394").PN. OR ("6404646").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:57
S21	42	("1229911"   "1931649"   "2305654"   "2432986"   "2993950"   "3102571"   "3249680"   "3272952"   "3350975"   "3369597"   "3415943"   "3457824"   "3494243"   "4266267"   "4321423"   "4403102"   "4446504").PN. OR ("4546408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 13:53
S22	830	(361/704,707,709,719.ccls. 257/718,719,727.ccls. 174/16.1,16.3.ccls. 165/80.3,185.ccls.) and "heat sink" with spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 09:20
S23	39	("4224663"   "4342068"   "4758927"   "4914551"   "5065282"   "5109317"   "5123849"   "5262925"   "5305185"   "5473510").PN. OR ("5901039").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 14:40
S24	12	("4487300"   "4721996"   "5754400"   "5757621"   "5901039"   "5920120"   "5958556"   "6023413"   "6356445").PN. OR ("6501658").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 14:41
S25	0	("2005/0111192").URPN.	USPAT	OR	ON	2005/06/30 14:53
S26	39	("4224663"   "4342068"   "4758927"   "4914551"   "5065282"   "5109317"   "5123849"   "5262925"   "5305185"   "5473510").PN. OR ("5901039").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 15:25
S27	326	standoff and heat and sink and spring	USPAT	OR	ON	2005/06/30 15:31
S28	281	standoff and "heat sink" and spring	USPAT	OR	ON	2005/06/30 15:31
S29	8	("4096548"   "4167772"   "5402320"   "5956835"   "5963432"   "6140591"   "6308394").PN. OR ("6404646").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 16:21

## EAST Search History

S30	10678	(361/704,707,709,719.ccls. 257/718,719,727.ccls. 174/16.1,16. 3.ccls. 165/80.3,185.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 14:33
S31	2605	S30 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 09:20
S32	1442	S31 and (chip semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 09:21
S33	192	S32 and (heatsink heat\$sink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 09:22
S34	1045	S32 and ("heat sink" heat\$sink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 09:22
S35	19	("1797836"   "2496109"   "2673721"   "3193610"   "3291476"   "3358751"   "3640519"   "3874443"   "4246597"   "D262960").PN. OR ("4457360"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 09:57
S36	123	S30 and ("heat sink" with tape)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 10:58
S37	21	("2106133"   "2808352"   "2852423"   "2916398"   "3497383"   "4474879"   "4596897"   "4755249"   "4788627"   "4794981"   "4796157"   "5049981"   "5107330"   "5173839"   "5315480").PN. OR ("5550326"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:01

## EAST Search History

S38	52	("4092697"   "4233645"   "4254431"   "4489487"   "4506443"   "4654966"   "4703339"   "4849856"   "4926242"   "4939570"   "4999699"   "5107330"   "5173839"   "5199164"   "5249101"   "5263245"   "5359768"   "5362680").PN. OR ("5533256").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:02
S39	9	("4096548"   "4167772"   "5402320"   "5956835"   "5963432"   "6140591"   "6308394").PN. OR ("6404646").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:10
S40	16	("4069498"   "4246597"   "4587595"   "4607685"   "4621304"   "4624303"   "4715430"   "4765400"   "4777908"   "4802532"   "4879632"   "4922601"   "4951604"   "5089443"   "5215140"   "5254500").PN. OR ("5447750").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:14
S41	19	("3025435"   "3033537"   "3155885"   "3198874"   "3252060"   "3374014"   "3408451"   "3918625"   "4049185").PN. OR ("4624303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:21
S42	45	"heat sink" with adhesive with spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 11:26
S43	19	("1797836"   "2496109"   "2673721"   "3193610"   "3291476"   "3358751"   "3640519"   "3874443"   "4246597"   "D262960").PN. OR ("4457360").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:24
S44	19	("3025435"   "3033537"   "3155885"   "3198874"   "3252060"   "3374014"   "3408451"   "3918625"   "4049185").PN. OR ("4624303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:28
S45	15911	stand\$off	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:28
S46	10388	"stand off"	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:29

## EAST Search History

S47	19256	"stand off" or stand\$off	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:29
S48	322	S47 same spring same metal	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:29
S49	223	S30 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/13 14:34
S50	37	("3146384"   "3327180"   "3340345"   "3495131"   "3522491"   "3649738"   "3911327"   "3916435"   "3946276").PN. OR ("4167031").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:37
S51	23	("2935666"   "3182115"   "3229756"   "4167031"   "4563725"   "4682651"   "4739447"   "4748495"   "4753290"   "5055909"   "5222014"   "5379185"   "5423375").PN. OR ("5713690"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:40
S52	47	("2313379"   "3229756"   "4069498"   "4167031"   "4254431").PN. OR ("4621304"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:41
S53	43	("3248471"   "4594643"   "4621304"   "4665467"   "4712159"   "4716494"   "4748538"   "4849856"   "5014777"   "5019940").PN. OR ("5132875"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:45
S54	37	("3146384"   "3327180"   "3340345"   "3495131"   "3522491"   "3649738"   "3911327"   "3916435"   "3946276").PN. OR ("4167031").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:46
S55	23	("3229756").URPN.	USPAT	OR	ON	2005/12/13 14:49
S56	47	("2313379"   "3229756"   "4069498"   "4167031"   "4254431").PN. OR ("4621304"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:49
S57	37	("3146384"   "3327180"   "3340345"   "3495131"   "3522491"   "3649738"   "3911327"   "3916435"   "3946276").PN. OR ("4167031").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:50

## EAST Search History

S58	37	("3404061"   "4471837"   "4535384"   "4704231"   "4715438"   "4733293"   "4753290"   "4851965"   "4878152"   "5132875"   "5270902"   "5293930"   "5366688"   "5390734"   "5397919"   "5514327"   "5523260"   "5542471"   "5566052"   "5582781"   "5654587"   "5667870"   "5834337"   "5863467"   "5869891"   "5882570"   "5902762"   "6027807"   "6075701"   "6208513"   "6245439").PN. OR ("6538892").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 14:55
S59	43	("3248471"   "4594643"   "4621304"   "4665467"   "4712159"   "4716494"   "4748538"   "4849856"   "5014777"   "5019940").PN. OR ("5132875").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 16:24
S60	2876	(heat near sink).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 16:25
S61	1719298	S60 spring	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 16:25
S62	812	S60 and spring	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 16:25
S63	17	("4069498"   "4246597"   "4587595"   "4607685"   "4621304"   "4715430"   "4765400"   "4802532"   "4879632").PN. OR ("5339215").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 07:43
S64	38	("4561040"   "4688147"   "4740866").PN. OR ("4879632").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 07:44
S65	54	("3375855"   "3649738"   "4109680"   "4138692"   "4352373"   "4494171").PN. OR ("4561040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 07:46
S66	47	("2313379"   "3229756"   "4069498"   "4167031"   "4254431").PN. OR ("4621304").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 07:47

## EAST Search History

S67	43	("3248471"   "4594643"   "4621304"   "4665467"   "4712159"   "4716494"   "4748538"   "4849856"   "5014777"   "5019940").PN. OR ("5132875").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 07:48
S68	43	("3248471"   "4594643"   "4621304"   "4665467"   "4712159"   "4716494"   "4748538"   "4849856"   "5014777"   "5019940").PN. OR ("5132875").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 07:48
S69	31	("3719862"   "3723836"   "3972012"   "4067042"   "4167771"   "4203129").PN. OR ("4246597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 07:49
S70	39	("4224663"   "4342068"   "4758927"   "4914551"   "5065282"   "5109317"   "5123849"   "5262925"   "5305185"   "5473510").PN. OR ("5901039").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 07:51
S71	9	("4695923"   "4901204"   "5223574"   "5963432"   "Re36351").PN. OR ("6140591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 08:01
S72	19256	"stand off" stand\$off	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 08:01
S73	6972	S72 and spring	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 08:04
S74	1230	S73 and washer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 08:02
S75	31	S74 and pcb	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 08:03
S76	21	("5384940"   "5590026"   "5603374"   "5621615").PN. OR ("5757621").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 08:03
S77	965	S72 and pcb	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 08:05



## EAST Search History

S78	5	"double sided thermal tape"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 08:26
-----	---	-----------------------------	---	----	----	------------------